EAPC 4989 COPY , OF 2

March 27, 1956

George:		•
I am enclosing a copy of a letter which I rece requesting additional shutter assemblies. As have always been the weakest link in large ape The shutters which we picked to use on this pravailable, and yet have had a rather dismal re the airforce. Considerable rework has been un improve the reliability, and I believe that the for we have been using the shutters consistent only few malfunctions, but experience has show shutters has been much greater than anticipate	you know, the shutters erture airforce cameras. roject were the best ecord of malfunctions in indertaken by Hycon to his has been accomplished tly at 1/250 sec. with wen that the wear on these	25X1
Therefore, in order to attempt to improve theil larger number of operations now contemplated, additional supply of these shutters. A letter been sent to and but the serve the purpose of indicating that after a problem, I concur in the need for additional sinvolves 10 immediately (original request submof March), and 10 by the end of March, with 50 April. These shutters require some factory reso that you can understand that any effort on their delivery would be greatly appreciated.	25X1 25X	
RMS/dmg		

25X1

George:

Thered with Fred Witch a Col Wilson 9 April. Saw copy of little to Col. Har of Bulled

Bapail inquestion of this, material. 20 to be delensed by 16 April and 50 by 30 Cop (1956.

No record of Rods original requested indirected about 1st of march" ()

STAT

25X1

Approved For Release 2009/07/22 : CIA-RDP89B00708R000500020004-9

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Jog 20 12 1/56

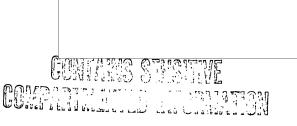
SAPC 4987 COPY, OF 2

25X1

PROPOSAL

March 26, 1956 RMS

Octroi/mostes / Propel



Items 43 through 45 of our contract covered the design, material and manufacture of the mirrors as required for the 120 system and the mirrors for the preceding system. The new 180 system requires not only larger mirrors but more of them, six per system rather than four, because of the additional folding required to fit the larger value into the same space. Additional material for the additional mirrors is required and some additional tooling.

To date we have invoiced as delivered Item 44 which covers the originally required material, all of which will still be used. Therefore, we propose that this item remain unchanged and that the additional material and tooling be covered by an additional item. We have delivered and invoiced six elliptical mirrors at a price of \$2,805 each, which is part of Item 45. The estimated and here quoted cost for the 180 system mirrors is \$52,858 giving a price of \$59,202 for that portion of Item 45. Thus the total target price of Item 45 is \$76,032.

I am pleased to report that the costs to date on Item 43 and the estimate to complete are such as to provide a reduction in the target price of this item by \$6,193.

A comparison of the manufacturing cost, as well as the material and tooling costs, indicate that the six mirrors will cost only 20% more than the four tather than an expected 50%. This is due to the fact that the two most difficult ones dominate the cost picture in both cases, and the two new ones, while large, are less exact in their quality requirements, and thus can be made thin, saving material and cost of manufacture.

STAT

March 26, 1956 RMS/dmg Delete Item 43

Add Item 43-a

- 1) 19.5" O.D. C.A Elliptical mirror for system "B" per Dwg No. 155-0003
- 2) 13.0 O.D.C.A Elliptical mirror 19.4" major axis for system "C" per Dwg No. 155-1010
- 3) 15.5 O.D.C.A special mirror for System MCM per Dwg. No. 155-1011
- 4) 6.1" Major Axis Diagonal for system "C" per Dwg. No. 155-1012
- 5) 10.1" Major Axis Diagonal for System "C" per DWG. No. 155-1013
- 6) 11.5×10.5 mirror for System "C" per Dwg No. 155-1014
- 7) 12.8×12.1 mirror for system "C" per DWG. No. 155-1015

Delivery - (1) - 10/13/55

(2) thru (7) 5/15/56

Ttem 44 - Retain

Add Item 44-a

Purchase additional material and tooling required to produce the mirrors described in 43-a not available from that material and tooling purchased for Item 44.

\$10,363.

Delivery - 7/31/56

Item 45 - Delete

Add Item 45-a

Construct, test and deliver the quantities listed below of the fused quartz mirrors and mounts designed under Item 43-a.

1) Six (6) mounts and elliptical mirrors with a 19.50" O.D.C.A. and a finished thickness of 2". @ \$2,805. \$16,830.

Delivery - One (1) 8-22-55 One (1) 12-15-55 One (1) 9-7-56 One (1) 11-16-55 One (1) 2-24-56

Item 45-a continued

Bal. forward \$16,830.

2) Six sets of mirrors, one each 155-1010, 155-1011, 155-1012, 155-1013, 155-1014, 155-1015.

@ \$9,867 per set of six

\$59,202.

\$76,032.

Delivery - One (1) set 7-1-56

One (1) set 9-1-56

Two (2) sets 11-1-56

Two (2) sets 12-1-56

ITEMS	NEW COST	NEW SELLING PRICE	OLD SELLING PRICE	DIFFERENCE
43-43a 44 44a	\$9,306 -0- 8,188	\$11,778 27,780 10,363	\$17,971 27,780 -0-	(\$6,193) -0- 10,363
45-45a	60,075	76,032	59,800	16,232
•		\$125,953	\$105,551	\$20,402

7306 8188 60,075

27918 -2458 60,075

3306 60,075

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